

Abstract

This invention relates to a device and procedure for the production of a work piece with exact geometry and high surface quality, a form tool in particular. Preferably, the work piece is constructed using a process wherein powder coatings are applied one on top of each other, by means of compaction, said process being computer-controlled. After the powder has been compacted, the surfaces thereof are finely machined in a mechanical manner. During the entire machining process, the work piece to be produced is surrounded with powdery source material.